



Experimental Gulf of Mexico HAB Bulletin 7

26 September 2000

NOS/NCCOS

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Last Bulletin: 21 September 2000

Analysis

SW Florida: No major blooms in area as of Sep 24, background chlorophyll concentrations from 0.5 to 1 $\mu\text{g/l}$. Development of bloom not anticipated through Sep 26.

NW Florida: Bloom may have extended westward to area from Ft. Walton to 87d W during week from Sep 18 to Sep 24. High chlorophyll up to 10 $\mu\text{g/l}$ estimated in that area. No additional westward transport expected Sep 24-26.

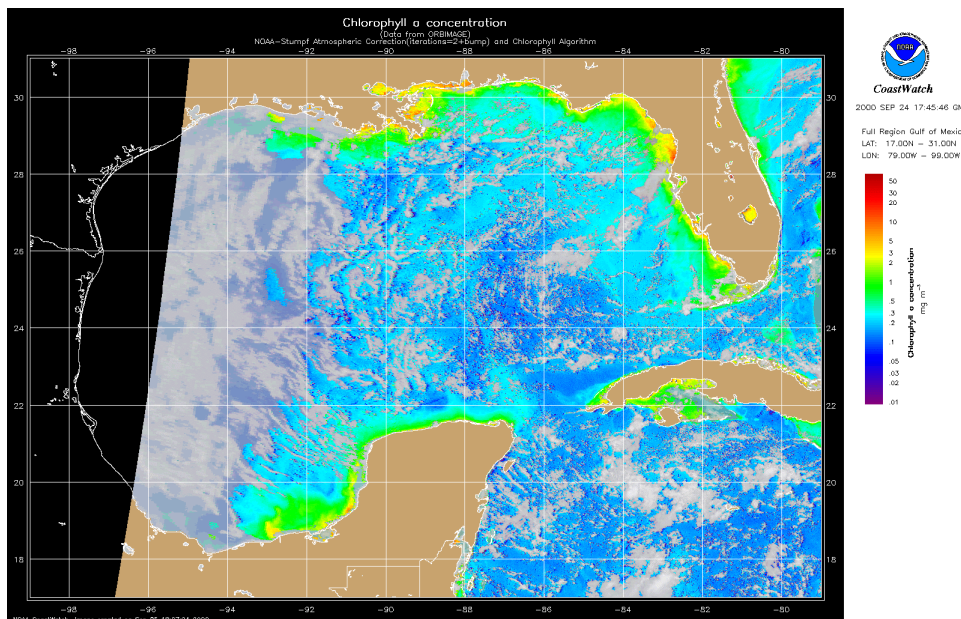
Strong bloom in Walton Co. area persisting (east of Destin) within 2-3 miles of shore, chlorophyll > 5 $\mu\text{g/l}$.

Bloom intensified (2-3 $\mu\text{g/l}$) off Panama Beach between Sep 18 and Sep 24 and extends to 10-15 miles offshore.

Texas: Bloom between Galveston Island to Matagorda Peninsula (94d52' to 95d54') has weakened (< 3 $\mu\text{g/l}$) through Sep 23-24, but may have spread southward past Matagorda Bay (corresponding to reports of *G.breve* to Corpus Christi). Potential additional southward movement Sep 24-25.

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Wind speed and direction are averaged over twelve hours from measurements made on NOAA buoys. Length of line indicates speed; angle indicates direction. Red vectors indicate that wind direction favors upwelling near the coast.

